

Vector Construction Strategy for Roopenian-FcRn

Roopenian-FcRn:

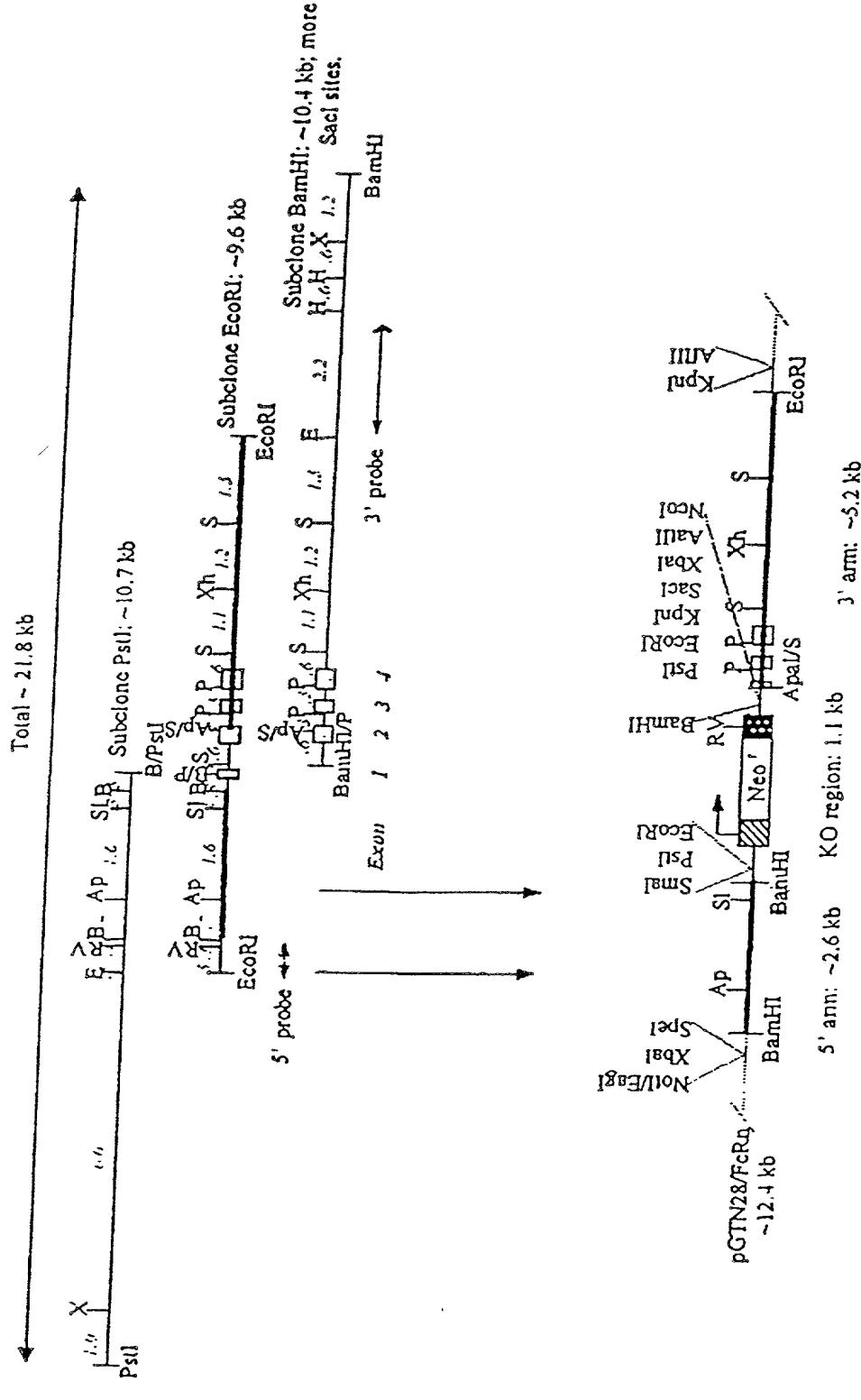
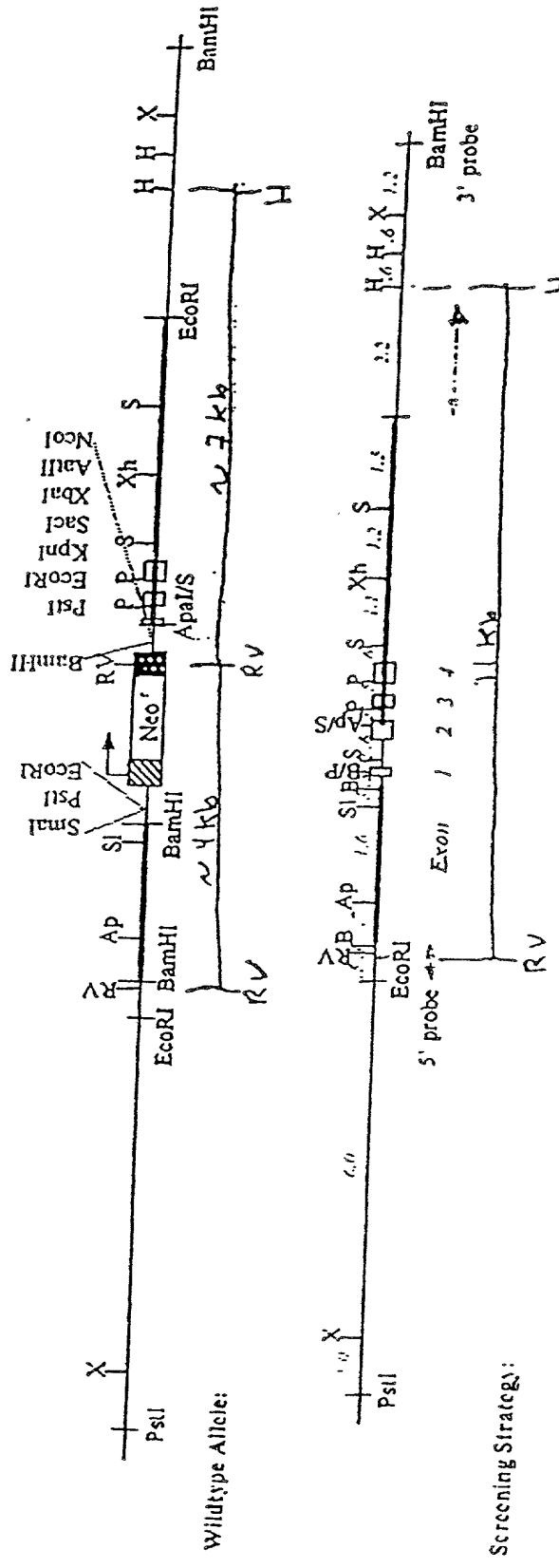


FIG. 1

Recombinant Allele:

Screening Strategy for Roopewani-FcRn



After EcoRV + HindIII digestion:

Wild-type allele ~ 11 kb fragment when probed with a 5' or 3' flanking sequence.

Recombinant allele ~ 4 kb fragment when probed with a 5' flanking sequence and a Neo vector sequence, and ~ 7kb fragment when probed with a 3' flanking sequence.

Note: Ap=Apal; B=BamHI; E=EcoRI; H=HindIII; P=HindIII; Pv=PstI; R=PsII; S=SacII; SI=EcoRV; RV=EcoRV; X=XbaI; Xh=XbaI.

FIG. 2

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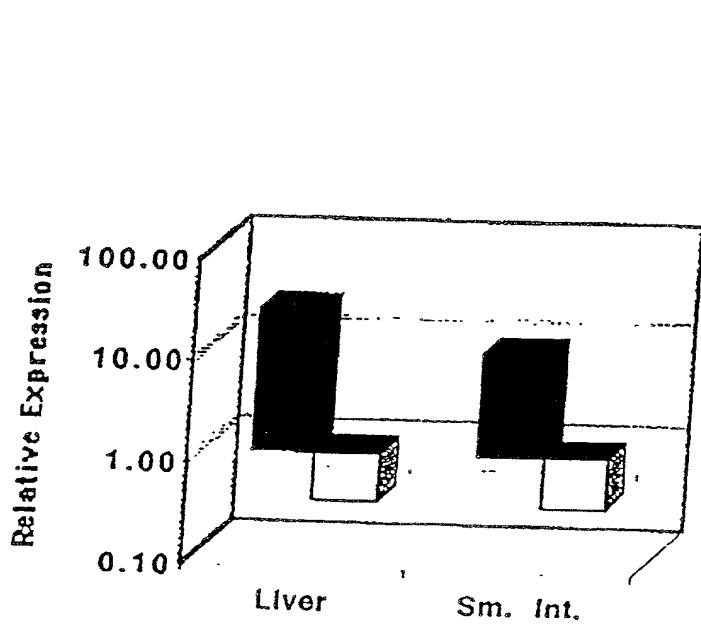


FIG. 3

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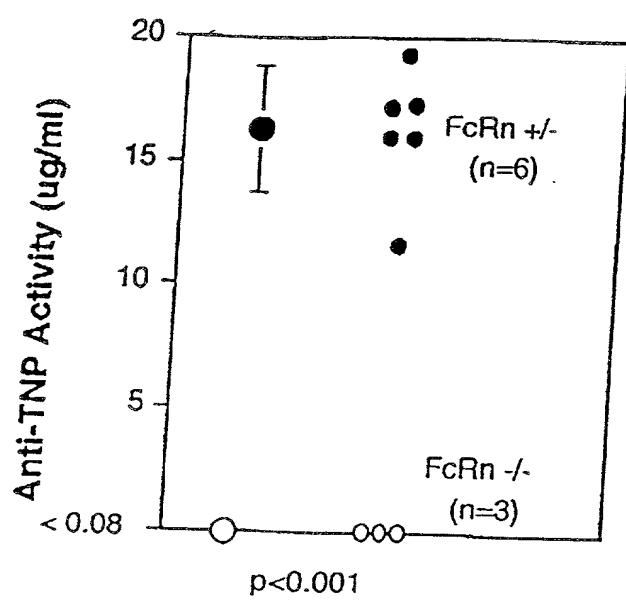


FIG. 4

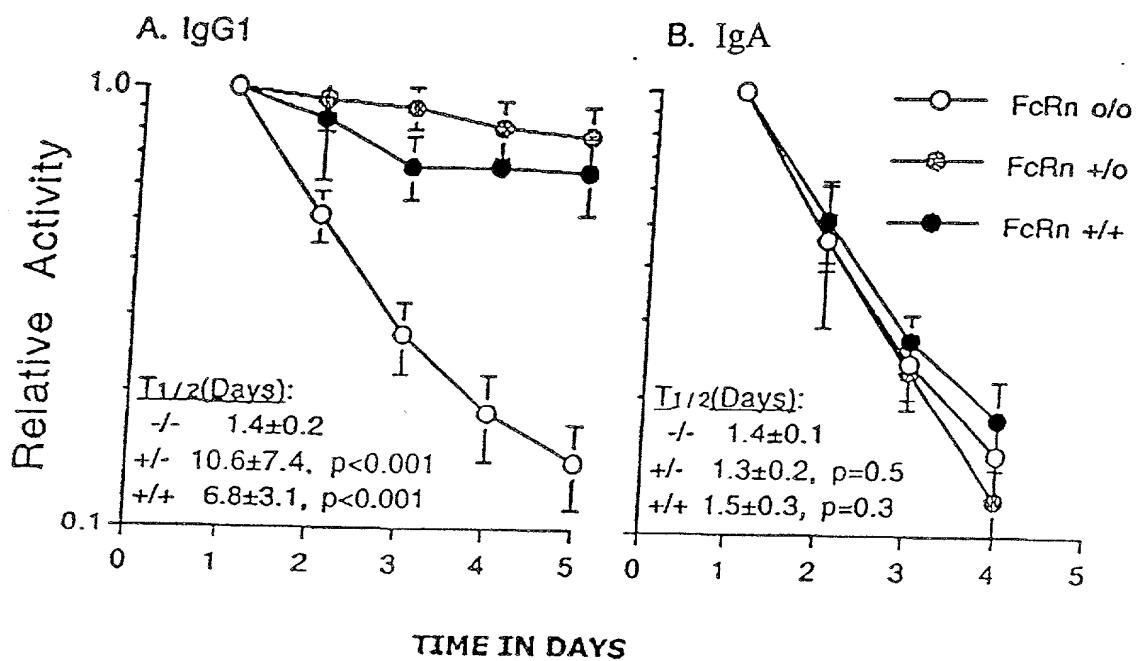


FIG. 5

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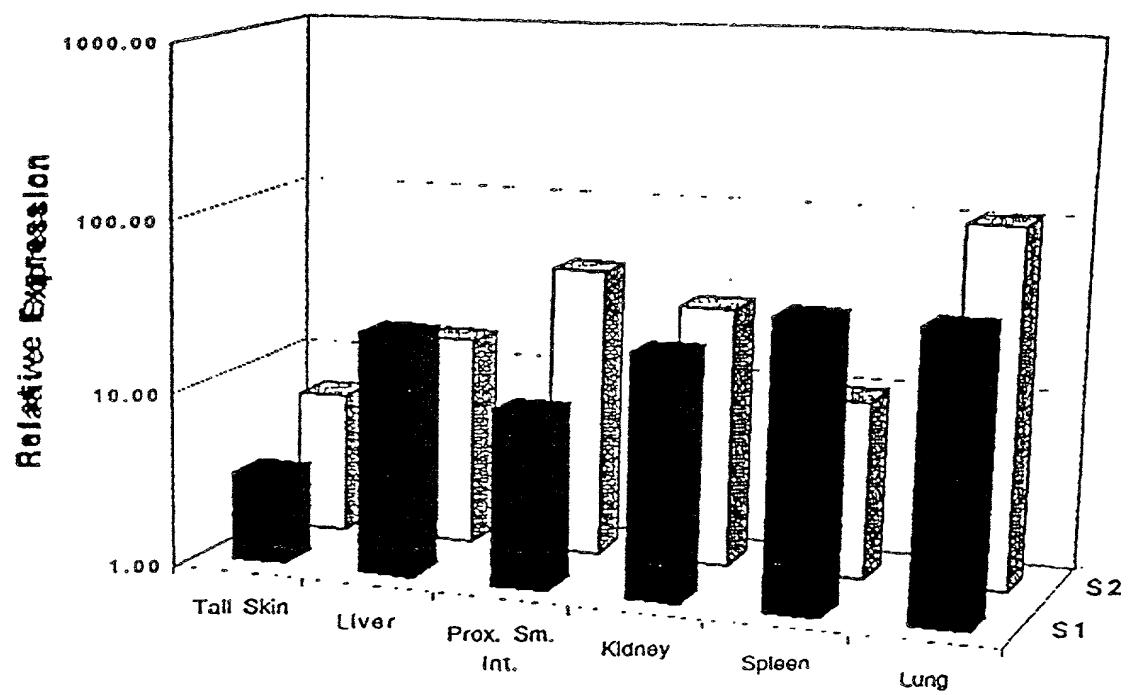


FIG. 6

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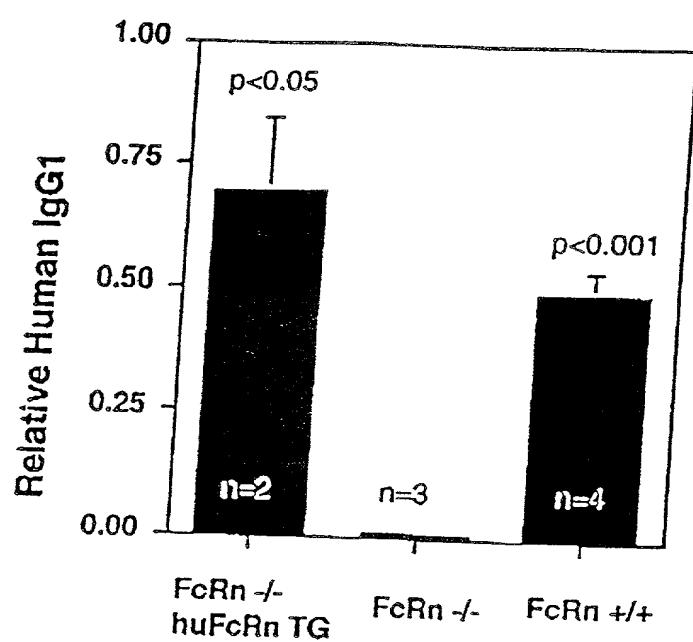


FIG. 7

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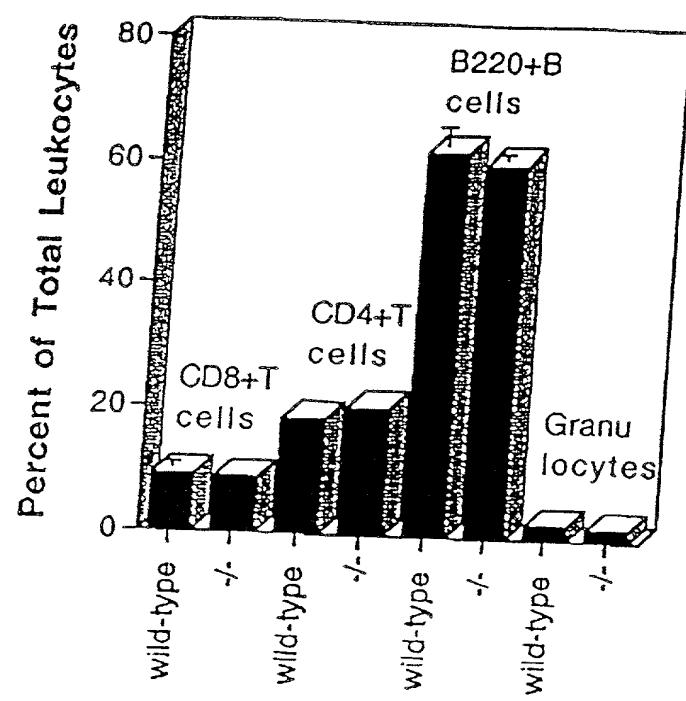


FIG. 8